



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

+"open service gateway initiative"



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used open service gateway initiative

Found 29 of 201,062

Sort results
by

relevance

[Save results to a Binder](#)Try an [Advanced Search](#)Try this search in [The ACM Guide](#)Display
results

expanded form

[Search Tips](#)
☐ Open results in a new
window

Results 1 - 20 of 29

Result page: [1](#) [2](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Component-based development of Web-enabled eHome services](#)

Michael Kirchhof, Sebastian Linz

September 2005 **Personal and Ubiquitous Computing**, Volume 9 Issue 5**Publisher:** Springer-VerlagFull text available: pdf(393.63 KB) Additional Information: [full citation](#), [abstract](#)

In this paper we will take a look at the inside of connected homes, which build up complex IT systems. The building blocks of such systems are electronic devices, networks, and services, which empower the user to interact with his environment. Web-enabled eHome services offer functionality to the user by abstracting from devices and realize connectivity in three dimensions: (1) inner connectivity, (2) outer connectivity, and (3) integrative connectivity. Generations of Web-enabled eHome s ...

Keywords: Component-based development, OSGi, PowerArchitecture, Software engineering, eHome

2 [Operating systems and adaptive applications \(OSAA\): Towards reliable OSGi framework and applications](#)

Heejune Ahn, Hyukjun Oh, Chang Oan Sung

April 2006 **Proceedings of the 2006 ACM symposium on Applied computing SAC '06****Publisher:** ACM PressFull text available: pdf(110.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Upcoming ubiquitous computing systems are required to operate in dynamic, diverse, unverified, and unpredictable operating environment. The OSGi (Open Service Gateway initiative) framework employs the service-oriented approach and the java classloader architecture for the runtime service deployment, that are well suited to the dynamic environment envisioned for home networking and ubiquitous computing. However, the current OSGi framework does not provide full reliability measures, especially for ...

Keywords: OSGi, proxy-based, reliability, service oriented architecture (SOA)

3 [Autonomic computing: Functionality configuration for eHome systems](#)

Ulrich Norbistrath, Christof Mosler

October 2006 **Proceedings of the 2006 conference of the Center for Advanced Studies on Collaborative research CASCON '06**



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used Java Embedded Server

Found 194 of 201,062

Sort results by

[Save results to a Binder](#)Try an [Advanced Search](#)

Display results

[Search Tips](#)Try this search in [The ACM Guide](#)
☐ Open results in a new window

Results 1 - 20 of 194

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐1 [Java bytecode compression for low-end embedded systems](#)

Lars Ræder Clausen, Ulrik Pagh Schultz, Charles Consel, Gilles Muller

May 2000 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 22 Issue 3

Publisher: ACM Press

Full text available: pdf(241.04 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A program executing on a low-end embedded system, such as a smart-card, faces scarce memory resources and fixed execution time constraints. We demonstrate that factorization of common instruction sequences in Java bytecode allows the memory footprint to be reduced, on average, to 85% of its original size, with a minimal execution time penalty. While preserving Java compatibility, our solution requires only a few modifications which are straightforward to implement in any JVM used in a low-e ...

Keywords: Java bytecode, code compression, embedded systems2 [MOCA: a service framework for mobile computing devices](#)

James Beck, Alain Gefflaut, Nayeem Islam

August 1999 **Proceedings of the 1st ACM international workshop on Data engineering for wireless and mobile access MobiDe '99**

Publisher: ACM Press

Full text available: pdf(911.37 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** Java, component software, mobile device, service discovery, service framework3 [RTSJ issues: Extended portal: violating the assignment rule and enforcing the single parent rule](#)

Pablo Basanta-Val, Marisol García-Valls, Iria Estevez-Ayres, Carlos Delgado-Kloos

October 2006 **Proceedings of the 4th international workshop on Java technologies for real-time and embedded systems JTRES '06**

Publisher: ACM Press

Full text available: pdf(451.69 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)